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FAX TRANSMISSION COVER SHEET**Date:** 05/09/05**To:** TC 1637
US Patent and Trademark Office**Fax:** 571-273-8300**From:** Kenneth K. Sharples
LC/IP**Phone:** (505) 667-0304**Fax:** (505) 665-4424**Re:** 10/656,358
S-100,543
Donna L. Robinson**Sender:** Ken Sharples

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Comments:

Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:

- 1. Response to Office Action dated 11/09/2004;**
- 2. Fee Transmittal for a 3-month Extension of Time.**




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Rev. 12/09/04

FEE TRANSMITTAL For FY 2005 <small>Patent fees are subject to annual revision</small>				Complete If Known																																																																																																																																																																																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT: \$510.00				Application Number:		10/658,358																																																																																																																																																																																	
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1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17				3. ADDITIONAL FEES <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051 \$130</td> <td>2051 \$65</td> <td></td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052 \$50</td> <td>2052 \$25</td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812 \$2520</td> <td>1812 \$2520</td> <td></td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251 \$120</td> <td>2251 \$60</td> <td></td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252 \$450</td> <td>2252 \$225</td> <td></td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253 \$1020</td> <td>2253 \$510</td> <td></td> <td>Extension for reply within third month</td> <td>510.00</td> </tr> <tr> <td>1254 \$1680</td> <td>2254 \$795</td> <td></td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255 \$2160</td> <td>2255 \$1080</td> <td></td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401 \$500</td> <td>2401 \$250</td> <td></td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402 \$500</td> <td>2402 \$250</td> <td></td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403 \$1000</td> <td>2403 \$500</td> <td></td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1452 \$500</td> <td>2452 \$250</td> <td></td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814 \$110</td> <td>2814 \$55</td> <td></td> <td>Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453 \$1500</td> <td>2453 \$750</td> <td></td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1460 \$130</td> <td>1460 \$130</td> <td></td> <td>Petitions to the Director</td> <td></td> </tr> <tr> <td>1808 \$180</td> <td>1808 \$180</td> <td></td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809 \$790</td> <td>2809 \$395</td> <td></td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810 \$790</td> <td>2810 \$395</td> <td></td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811 \$100</td> <td>1811 \$100</td> <td></td> <td>Certificate of Correction</td> <td></td> </tr> <tr> <td>1504 \$300</td> <td>1504 \$300</td> <td></td> <td>Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801 \$780</td> <td>2801 \$395</td> <td></td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3)</td> <td colspan="2" style="text-align: right;">\$510.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">Reduced by Basic Filing Fee Paid</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 1</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 2</td> <td colspan="2" style="text-align: right;">\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 3</td> <td colspan="2" style="text-align: right;">\$510.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL AMOUNT OF PAYMENT</td> <td colspan="2" style="text-align: right;">\$510.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">(Enter total amount at top of page)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBMITTED BY</td> <td colspan="2" style="text-align: center;">Complete (if applicable)</td> </tr> <tr> <td colspan="2">Printed Name: Mark N. Fitzgerald</td> <td colspan="2">Reg. No.</td> <td colspan="2">48,300</td> </tr> <tr> <td colspan="2">Signature: </td> <td colspan="2">Date: 05/09/2005</td> <td colspan="2">Telephone: (505) 665-5187</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code	Fee Description	Fee Paid	1051 \$130	2051 \$65		Surcharge - late filing fee or oath		1052 \$50	2052 \$25		Surcharge - late provisional filing fee or cover sheet		1812 \$2520	1812 \$2520		For filing a request for reexamination		1251 \$120	2251 \$60		Extension for reply within first month		1252 \$450	2252 \$225		Extension for reply within second month		1253 \$1020	2253 \$510		Extension for reply within third month	510.00	1254 \$1680	2254 \$795		Extension for reply within fourth month		1255 \$2160	2255 \$1080		Extension for reply within fifth month		1401 \$500	2401 \$250		Notice of Appeal		1402 \$500	2402 \$250		Filing a brief in support of an appeal		1403 \$1000	2403 \$500		Request for oral hearing		1452 \$500	2452 \$250		Petition to revive - unavoidable		1814 \$110	2814 \$55		Terminal Disclaimer		1453 \$1500	2453 \$750		Petition to revive - unintentional		1460 \$130	1460 \$130		Petitions to the Director		1808 \$180	1808 \$180		Submission of Information Disclosure Statement		1809 \$790	2809 \$395		Filing a submission after final rejection (37 CFR 1.129 (a))		1810 \$790	2810 \$395		For each additional invention to be examined (37 CFR 1.129(b))		1811 \$100	1811 \$100		Certificate of Correction		1504 \$300	1504 \$300		Publication fee for early, voluntary, or normal publication/Republication fee		1801 \$780	2801 \$395		Request for Continued Examination (RCE)		Other fee (specify) _____						SUBTOTAL (3)				\$510.00		Reduced by Basic Filing Fee Paid						SUBTOTAL FROM 1				\$		SUBTOTAL FROM 2				\$		SUBTOTAL FROM 3				\$510.00		TOTAL AMOUNT OF PAYMENT				\$510.00		(Enter total amount at top of page)						SUBMITTED BY				Complete (if applicable)		Printed Name: Mark N. 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SN 10/656,358
ATTY DOCKET NO. S-100,543

MAY 09 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Donna L. Robinson

Docket No.: S-100,543

Serial No.: 10/656,358

Examiner: N. J. Panaro

Filed : 9/4/2003

Art Unit: 1637

For : IMPROVED METHODS FOR SEQUENCING GC-RICH AND CCT
REPEAT DNA TEMPLATES

Customer No. 35068

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450AMENDMENT/RESPONSE

Sir:

In response to the Office Action dated 11/29/2004, please enter the following amendments to the Specification and Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))


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 05/09/05
Signature

Date _____

Kenneth Sharples
(type or print name of person certifying)

05/11/2005 AWONDAF1 00000071 122150 10656358

01 FC:2253 510.00 DA